



# Certificate of Analysis

Powered by Confident Cannabis

Muscle MX, LLC\*

info@musclemx.com

Sample: 2106DBL0051.5924

METRC Sample:

Strain: Activate+ Plus Stick

Ordered: 06/03/2021; Sampled: 06/09/2021; Completed: 06/25/2021

APS-060521

Topical, Salve, CO2



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

## Terpenes

Analyzed by 300.13 GC/FID and GC/MS



5,258.644 mg/unit  
Total Terpenes

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
Eucalyptol	9.931	2775.191	37.003	
δ-Limonene	9.931	1045.869	13.945	
α-Pinene	9.931	428.835	5.718	
p-Cymene	9.931	261.356	3.485	
β-Pinene	9.931	227.097	3.028	
β-Myrcene	9.931	209.492	2.793	
γ-Terpinene	9.931	102.839	1.371	
α-Terpinene	9.931	79.131	1.055	
Isopulegol	9.931	57.839	0.771	
β-Caryophyllene	9.931	30.826	0.411	
Terpinolene	9.931	20.975	0.280	
Linalool	9.931	15.000	0.200	
trans-Ocimene	3.476	4.195	0.056	
α-Bisabolol	9.931	<LOQ	<LOQ	
α-Humulene	9.931	<LOQ	<LOQ	
Camphene	9.931	<LOQ	<LOQ	
Caryophyllene Oxide	9.931	<LOQ	<LOQ	
cis-Nerolidol	6.455	<LOQ	<LOQ	
cis-Ocimene	6.455	<LOQ	<LOQ	
δ-3-Carene	9.931	<LOQ	<LOQ	
Geraniol	9.931	<LOQ	<LOQ	
Guaiol	9.931	<LOQ	<LOQ	
trans-Nerolidol	3.476	<LOQ	<LOQ	

## Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	4.156	<LOQ	<LOQ	
CBCa	4.156	<LOQ	<LOQ	
CBD	4.156	975.991	13.013	
CBDa	4.156	<LOQ	<LOQ	
CBDV	4.156	<LOQ	<LOQ	
CBDVa	4.156	<LOQ	<LOQ	
CBG	4.156	<LOQ	<LOQ	
CBGa	4.156	<LOQ	<LOQ	
CBL	4.156	<LOQ	<LOQ	
CBN	4.156	<LOQ	<LOQ	
Δ8-THC	4.156	<LOQ	<LOQ	
Δ9-THC	4.156	<LOQ	<LOQ	
THCa	4.156	<LOQ	<LOQ	
THCV	4.156	<LOQ	<LOQ	
THCVa	4.156	<LOQ	<LOQ	

Not Tested

<LOQ  
Δ9-THC + Δ8-THC

975.991 mg/unit  
CBD

pH: NT  
Aw: NT

975.991 mg/unit  
Total Cannabinoids

Not Tested  
Homogeneity

1 Unit = APS-060521, 75g  
Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD



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## Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	200	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	100	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	1000	<LOQ	Pass
Daminozide	10	800	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Flonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	500	<LOQ	Pass
Imidacloprid	10	500	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Paclbutrazol	10	400	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	10	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1000	<LOQ	Pass
Spinosad	10	1000	<LOQ	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

## Microbials

Analyzed by 300.1 Plating/QPCR

Pass

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Bile-Tolerant Gram-Negative Bacteria	9	1000	<LOQ	Pass
Yeast & Mold	9	10000	<LOQ	Pass

  

Qualitative Analysis	Detected or Not Detected	Status
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

## Mycotoxins

Analyzed by 300.2 Elisa

Not Tested

Mycotoxin	LOQ	Limit	Mass	Status
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## Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	53	2000	<LOQ	Pass
Cadmium	53	820	<LOQ	Pass
Lead	53	1200	<LOQ	Pass
Mercury	53	400	<LOQ	Pass

## Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	85	500	<LOQ	Pass
Ethanol	85		<LOQ	Tested
Heptanes	85	500	<LOQ	Pass
Propane	85	500	<LOQ	Pass



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